

ABSTRACT

A mobile device-to-HTTP protocol gateway (MHG, or "MO Gateway") which translates between Wireless Mobile Originated commands from an SMSC, and an application server on the Internet (i.e.,
5 a "web IP Server"). A wireless Internet gateway establishes communications with one or more relevant SMSCs using standard format SMPP commands, and the MHG utilizes HTTP protocol POST messages to post short messages originated at the mobile device to a particular URL. Return results are received by the MHG via HTTP protocol
10 messages, translated to SMPP messages, and forwarded back to the SMSC for delivery to the mobile device. The wireless Internet Gateway communicates with the MHG using RMI protocol commands. An MHG in accordance with the principles of the present invention enables a developer to create mobile applications using standard web development
15 tools, e.g., Java Servlets. The MHG allows standard format command messages to be used throughout the pathway between a mobile device and an application program on a web IP server at a particular URL.